

# ERP TRACKING TABLE

Project Title		Category	Applicant	Geo Area	Approved Funding	Obligated	Expended	Status
<i>CALFED Administered Contract/PROP 204</i>								
1997-C01	RD 108 Screen Construction	Fish Screen/Passage	RD 108	Sacramento River	\$2,500,000	\$2,500,000	\$2,458,430	Construction complete. Final testing scheduled for spring 2000.
1997-C02	Princeton Fish Screen Construction	Fish Screen/Passage	RD 1004	Sacramento River	\$1,750,000	\$1,750,000	\$1,469,027	Construction complete. Additional testing needed.
1997-C03	Watershed Management Planning for Sacramento River Riparian Program	Watershed Management	DWR	Sacramento River	\$200,000	\$200,000	\$67,955	Fully executed 7/30/98. DWR completed subcontract with Chico State for the program.About 53% completed.
1997-C04A	Selected Fish Screens	Fish Screen/Passage	DFG	Sacramento River	\$374,850	\$374,850	\$61,843	Fully executed contract for small screens for 374,850 on 2/2/99. One fish screen is 40% complete & other work is proceeding.
1997-C05	Effects of Wetlands Restoration on Methyl Mercury Levels	Environmental Water Quality	UC Davis	Sacramento-San Joaquin Delta	\$546,171	\$546,171	\$175,800	Completed purchase of mercury analyzer & have verified analytical methods. Field sampling & field sample analysis ongoing. Have completed 1st year summary report. Started mercury methylation experiments.
1997-C06	Contaminant Effects on Smelt	Environmental Water Quality	UC Davis	Sacramento-San Joaquin Delta	\$437,326	\$437,326	\$75,468	Archived smelt analysis started. Sampling conducted in cooperation w/ IEP & analysis of samples started.
1997-C07	Preventing Exotic Introductions from Ballast Water	Introduced & Undesirable Species	UC Sea Grant Extension Program	Landscape	\$222,830	\$222,830	\$49,920	First newsletter completed, first video-conference & ballast forum held.
1997-C08	San Joaquin River Real-time Water Quality Management Program	Environmental Water Quality	DWR	San Joaquin River	\$931,857	\$931,857	\$0	Water quality sampling and analysis ongoing. San Joaquin River Real-time Water Quality Forecast available on web to MOU cosigners each week.
1997-C09	Developing a Genetic Baseline for San Joaquin Salmon	Fish Management/Hatchery	DFG	San Joaquin River	\$387,003	\$387,003	\$0	Contract fully executed by 1/11/99. Project has been delayed & they have requested a time extension. Genetic analysis started Aug 1999.
1997-C11	Gravel at Basso Bridge	Habitat Restoration	DFG	East San Joaquin	\$250,975	\$250,975	\$4,202	All permits received. Construction complete. Monitoring started in September 1999.
1997-C12	Evaluation of Alternative Pesticide Use Reduction Practices	Environmental Water Quality	UC Davis	Landscape	\$957,781	\$957,781	\$122,130	First Draft of Alternative Practices Matrix complete. Education, outreach and Field Studies ongoing.
1998-C01	Twitchell Island Subsidence Study	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$3,583,000	\$3,583,000	\$28,017	Fully executed 5/20/99. All subcontracts signed.
1998-C02	Culture of Delta Smelt	Fish Management/Hatchery	UC Davis	Sacramento-San Joaquin Delta	\$194,870	\$194,870	\$194,870	Project complete. Final report completed.
1998-C03	Hamilton Wetlands Restoration Planning	Habitat Restoration	Calif. Coastal Conservancy and SF BCDC	Suisun Marsh/North San Francisco Bay	\$1,025,015	\$1,000,015	\$656,550	Completed the feasibility study, EIR/EIS, Hamilton Conceptual Restoration Plan. Bel Marin Keys feasibility study ongoing. Amendment for \$25,000 approved 9/99.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1998-C05	Basso Bridge and Merced River Ranch Land Acquisition and Restoration	Habitat Restoration	DFG	East San Joaquin	\$830,500	\$830,500	\$0	Working with Wildlife Conservation Board to contact property owners and get properties appraised.
1998-C06	Water Quality Criteria for Chlorpyrifos and Diazinon (Designated Action)	Environmental Water Quality	DFG	Landscape	\$67,753	\$67,753	\$41,642	All toxicity tests and reports complete. Draft final report out for peer review 10/99. Final report due 3/31/00.
1998-C07	Fathead Minnow Toxicity	Environmental Water Quality	CVRWQCB	Landscape	\$400,000	\$400,000	\$0	Subcontract with UCD for toxicity testing executed. Invoice denied - No deliverables.
1998-C08	Algae Toxicity Study	Environmental Water Quality	CVRWQCB	Landscape	\$500,000	\$500,000	\$0	Subcontract with UCD for toxicity testing executed. Summary report on existing algae toxicity data and workplan in progress. Invoice denied - No deliverables.
1998-C09a	Sediment Water Quality	Environmental Water Quality	DPC	Sacramento-San Joaquin Delta	\$24,000	\$24,000	\$2,410	Technical Advisory Panel has been meeting.
1998-C09b	Sediment Water Quality	Environmental Water Quality	DFG	Sacramento-San Joaquin Delta	\$276,000	\$276,000	\$0	Signed task order for year one work. Helped select Technical Advisory Panel.
1998-C09c	Sediment Water Quality	Environmental Water Quality	RWQC	Sacramento-San Joaquin Delta	\$200,000	\$200,000	\$26,882	Signed task order for year one work. Helped select Technical Advisory Panel.
1998-C10	CMARP DA	Habitat Restoration	DWR	Landscape	\$800,000	\$800,000	\$0	Draft report completed 6/99. Developing "white papers" in partnership with ERP. Water Quality Program/CMARP Drinking Water Workshop held 8/99. Report describing baseline monitoring elements in progress.
1998-C11	Chinook Salmon Movement in the Lower SJR and South Delta	Fish Management/Hatchery	DFG	San Joaquin River	\$285,000	\$285,000	\$0	Due to staff changes and delays in obtaining equipment project will require time extension.
1998-C12	Genetic Comparison of Steelhead Stocks in Clear Creek	Fish Management/Hatchery	USFWS	North Sacramento Valley	\$45,493	\$45,493	\$0	Contract signed 11/10/99. Not progressing due to 10% retention controversy.
1998-C13	Spawning Areas of Green Sturgeon in the Upper Sacramento River	Habitat Restoration	USFWS	Sacramento River	\$60,801	\$60,801	\$0	Contract signed 11/10/99. Not progressing due to 10% retention controversy.
1998-C14	Monitoring Spring and Winter-run Chinook Salmon and Steelhead in Battle Creek	Fish Management/Hatchery	USFWS	North Sacramento Valley	\$150,000	\$150,000	\$0	Contract signed 11/10/99. Not progressing due to 10% retention controversy.
1998-C15	Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	Fish Management/Hatchery	UC Davis	Landscape	\$241,000	\$241,000	\$64,657	Work on all tasks ongoing.
1998-C16	Developing a Methodology to Accurately Simulate Entrainment of Fish	Fish Screen/Passage	DFG	Sacramento-San Joaquin Delta	\$200,000	\$200,000	\$0	Contract executed 12/6/99.
1999-C01	Cosumnes River Feasibility Study	Habitat Restoration	The Nature Conservancy	Eastside Delta Tributaries	\$400,000	\$0	\$0	Contract not executed. Working with Corps to refine Project Study Plan (PSP). Waiting for completion PSP to finalize their role in implementing the plan.
1999-C02	Mokelumne River Feasibility Study	Habitat Restoration	EBMUD	Eastside Delta Tributaries	\$400,000	\$400,000	\$0	Working with Corps to refine Project Study Plan (PSP).
Summary for 'Contracting Agency' = CALFED Administered Contract/PROP 204 (30 detail records)								
<b>Sum</b>					\$18,242,225	\$17,817,225	\$5,499,803	

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
<i>CUWA</i>								
1995-M01	Interim Flow Restoration	Environmental Water Acquisition	USFWS	North Sacramento Valley	\$0	\$0	\$0	Project completed.
1995-M02	Fish Screen and Ladder Construction	Fish Screen/Passage	Durham Mutual	Butte Basin	\$316,500	\$316,500	\$316,500	Project Completed.
1995-M03	Construct Fish Ladder on Parrott-Phelan Dam	Fish Screen/Passage	M&T Ranch/Parrott Investments Co.	Butte Basin	\$0	\$0	\$0	Project completed.
1995-M04	Gravel Restoration Project	Habitat Restoration	DWR	Sacramento River	\$0	\$0	\$0	Project completed
1995-M05	Pump Station Relocation Construction	Fish Screen/Passage	M&T Ranch/Parrott Investments Co.	Butte Basin	\$1,610,000	\$1,610,000	\$1,610,000	Project Completed.
1995-M06	Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds (BIOS)	Environmental Water Quality	Community Alliance with Family Farmers	Landscape	\$660,000	\$660,000	\$659,770	Year 2 of 3 year project. Final deliverables due 12/99.
1995-M07	Fish Screen Construction	Fish Screen/Passage	Suisun Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$450,000	\$450,000	\$450,000	Project Completed.
1995-M08	Winter-run Chinook Salmon Captive Broodstock Program	Fish Management/Hatchery	DWR	Landscape	\$300,000	\$300,000	\$284,000	Project Completed.
1996-M01	Construct Siphon & Associated Improvements.	Fish Screen/Passage	Western Canal Water District	Butte Basin	\$3,095,873	\$3,095,873	\$2,986,067	Project Completed. Total cost \$9,128,200, under budget by \$329,419.
1996-M02	Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$2,500,000	\$2,500,000	\$0	Env. Documentation completed. Cat III contract can be executed in near future. Total cost includes USBR purchase of land \$2,900,000.
1996-M03	Riparian Habitat Restoration Verona-Collinsville (Phase 1-Feas.)	Habitat Restoration	USCOE	Sacramento River	\$500,000	\$500,000	\$254,379	Demo project 80% complete. Corps needs additional funding. Project work on hold.
1996-M04	Princeton Pumping Plant Fish Screen (Phase 1-Feas.)	Fish Screen/Passage	RD 1004	Sacramento River	\$75,000	\$75,000	\$75,000	Project Completed.
1996-M05	Fish Screen -Feasibility Engineering	Fish Screen/Passage	Princeton-Codora-Glenn / Provident Irrigation Districts	Sacramento River	\$75,000	\$75,000	\$75,000	Project Completed.
1996-M06	Cosumnes River Preserve (Valensin Ranch Acquisition)	Habitat Restoration	The Nature Conservancy	Eastside Delta Tributaries	\$1,500,000	\$1,500,000	\$1,500,000	Project Completed.
1996-M07	Fish Screen Construction	Fish Screen/Passage	Princeton-Codora-Glenn / Provident Irrigation Districts	Sacramento River	\$5,500,000	\$5,500,000	\$4,411,784	Project granted time extension to 12/31/2000. Project is 98% complete.
1996-M08	Fish Screen Construction (Phase 2 - Install Additional Screens)	Fish Screen/Passage	Suisun Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$500,000	\$500,000	\$237,725	Negotiations stayed pending USFWS decision on project priorities.
1996-M09	Sherman Island - Levee Habitat Demonstration Project	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$480,000	\$480,000	\$76,266	Bids exceed budget. Steering Committee denied request for additional funding. Proponent evaluating next step.
1996-M10	Research to Predict Evolution of Restored Diked Wetlands	Habitat Restoration	University of Washington	Sacramento-San Joaquin Delta	\$575,172	\$575,172	\$283,658	Steering Committee approved additional \$100,172 for additional fisheries and bird field work. Project is 93% complete.
1996-M11	Applied Research to Identify Chinook Salmon Runs via Genetics	Fish Management/Hatchery	DWR	Landscape	\$450,000	\$450,000	\$0	Project is underway. DWR Subcontracted with UC Davis for 3yr contract. Contractor has submitted 4 progress reports and several invoices approved by DWR and paid. Final report due 6/2000.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1996-M12	Battle Creek - Chinook Salmon & Steelhead Restoration Study	Fish Management/Hatchery	Bill Keir Associates	North Sacramento Valley	\$306,000	\$306,000	\$306,000	Project Completed.
1996-M13	Yolo Bypass - Habitat Restoration Study	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$226,000	\$226,000	\$226,000	Field work completed. Final report pending.
1996-M14	Clear Creek - Property Acquisition	Habitat Restoration	USBLM	North Sacramento Valley	\$211,000	\$1	\$0	Project terminated.
1996-M15	Intro. of Non-indigenous Aquatic Species Research Program	Introduced & Undesirable Species	San Francisco Estuary Institute	Landscape	\$197,000	\$197,000	\$187,025	Project complete.
1996-M16	Sacramento River and Major Trib.- Corridor Mapping Project	Habitat Restoration	CSU, Chico	Sacramento River	\$145,200	\$145,200	\$61,342	Project 80% complete.
1996-M17	Yuba River Fish Screen Replacement	Fish Screen/Passage	Browns Valley Irrigation District	Feather River & Sutter Basin	\$114,750	\$114,750	\$110,778	Project completed.
1996-M18	Determine Effects of Toxics	Environmental Water Quality	Phyllis Fox & Associates	Landscape	\$110,000	\$110,000	\$15,000	Steering Committee terminated project - agreement could not be reached on project scope.
1996-M19	Wilkins Slough - Fish Screen Prelim. Design	Fish Screen/Passage	RD 108	Sacramento River	\$100,000	\$100,000	\$100,000	Project Completed.
1996-M20	Fish Screen Project	Fish Screen/Passage	Banta-Carbona Irrigation District	San Joaquin River	\$100,000	\$0	\$0	Funding rescinded by mutual consent due to timing.
1996-M21	Adams Dam Fish Screen & Ladder	Fish Screen/Passage	El Escalon Ranch	Butte Basin	\$70,304	\$70,304	\$70,301	Project Completed.
1996-M22	Gorrill Dam Fish Screen & Ladder	Fish Screen/Passage	Gorrill Ranch	Butte Basin	\$67,990	\$67,990	\$67,990	Project Completed.
1996-M23	Innovative Fish Screen for Small Diversions Demonstration Project	Fish Screen/Passage	Jim Buell & Associates	Landscape	\$90,000	\$90,000	\$51,773	Project will be completed excluding trask of on-farm screen testing due to liability issue (esa).
1996-M24	Butte Creek - Watershed Management Strategy Plan	Watershed Management	CSU, Chico	Butte Basin	\$83,000	\$83,000	\$57,722	90% complete.
1996-M25	Battle Creek - Chinook Salmon & Establish Watershed Conservancy	Watershed Management	Western Shasta RCD	North Sacramento Valley	\$50,000	\$50,000	\$45,118	Project is 90% complete. Waiting for supplemental funding from USFWS.
1996-M26	Prospect Island - Develop Monitoring Plan	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$35,000	\$35,000	\$35,000	Project Completed.
1996-M27	North Delta Area - Juvenile Salmon Rearing	Habitat Restoration	CSU, Sacramento	Sacramento-San Joaquin Delta	\$24,500	\$24,500	\$19,048	Project completed 11/15/99.
1997-M01	Wilson Ranch Screen	Fish Screen/Passage	Deseret Farms of Calif.	Sacramento River	\$200,000	\$0	\$0	Deseret Farms of California considering alternatives following flood damage.
1997-M02	Battle Creek Screens and Fish Passage	Fish Screen/Passage	DWR	North Sacramento Valley	\$395,000	\$395,000	\$26,152	DWR has completed first phase of work; remaining work in progress. Also funded with 99-B16-remaining work to be consistent with \$28million Battle Creek Project.
1997-M03	Gorrill Dam Screen and Ladder	Fish Screen/Passage	Gorrill Land Company	Butte Basin	\$369,641	\$369,641	\$369,641	Project is complete.
1997-M04	Adams Dam Screen and Passage	Fish Screen/Passage	Ducks Unlimited, Inc.	Butte Basin	\$217,000	\$217,000	\$216,892	Project is complete.
1997-M05	Saeltzer Dam Fish Passage	Fish Screen/Passage	Townsend Flat Water Ditch Company	North Sacramento Valley	\$238,200	\$138,200	\$0	Project on hold until negotiations between Townsend Flat Water Ditch Co. and USBR regarding water rights are concluded. Amendment for \$1000,00 approved 3/00.
1997-M06	Hastings Tract Screen Feasibility Study	Fish Screen/Passage	Hastings Island Land Company	Sacramento-San Joaquin Delta	\$27,000	\$0	\$0	Final contract pending approval by Hastings Island Co.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1997-M07	Banta-Carbona Fish Screen	Fish Screen/Passage	Banta-Carbona Irrigation District	San Joaquin River	\$938,875	\$938,875	\$21,133	Contract signed 9/1/99.
1997-M08	Tuolumne River Channel Restoration (Pool 9)	Habitat Restoration	Turlock Irrigation District	East San Joaquin	\$2,353,100	\$0	\$0	CVPIA is funding engineering work. Final design 30% complete, for summer of 2001.
1997-M09	Tuolumne River Setback Levees and Channel Restoration	Habitat Restoration	Turlock Irrigation District	East San Joaquin	\$2,801,000	\$0	\$0	CALFED approved \$707,000 additional funding for project. Draft contract complete. Also funded with 98-F06.
Summary for 'Contracting Agency' = CUWA (44 detail records)								
<b>Sum</b>					<b>\$28,058,105</b>	<b>\$22,266,006</b>	<b>\$15,207,064</b>	

#### *NFWF Administered Contract/PROP 204*

1997-N01	Assessment and Implementation of Urban Use Reduction of Diazion and Chlorpyrifos (Sacramento County)	Environmental Water Quality	Sacramento Area Stormwater Permittees	Sacramento River	\$663,500	\$663,500	\$220,690	Contract signed 8/29/98. EMP/QAPP complete, sampling beginning, creating draft SOS for watershed model and ERA workshop.
1997-N02	Sacramento River Floodplain Acquisition and Riparian Restoration	Habitat Restoration	WCB, USFWS, The Nature Conservancy	Sacramento River	\$9,879,800	\$9,879,800	\$7,745,520	Contract signed 2/4/99. Two properties purchased.
1997-N03A	Sacramento River Acquisition and Riparian Forest Restoration	Habitat Restoration	USFWS, The Nature Conservancy	Sacramento River	\$780,000	\$780,000	\$388,427	Contract signed 12/8/98. Property acquired and restoration project-planting and monitoring have begun.
1997-N03B	Sacramento River Floodplain Acquisition and Riparian Restoration	Habitat Restoration	WCB	Sacramento River	\$512,500	\$512,500	\$174,993	Contract signed 7/20/99
1997-N04	Sacramento River Meander Restoration	Habitat Restoration	The Nature Conservancy	Sacramento River	\$898,700	\$898,700	\$823,264	Contract signed 10/28/98. Property purchased. Completing subcontracts for site preparation and planting.
1997-N05	Restoration Planning (M and N Fork American River, Auburn Ravine, Coon Creek)	Habitat Restoration	Placer County	American River Basin	\$222,530	\$222,530	\$0	Contract executed 3/29/99.
1997-N06	Butte Creek Acquisition and Riparian Restoration	Habitat Restoration	CSU, Chico	Butte Basin	\$187,128	\$187,128	\$163,443	Contract signed 12/21/98. Property acquired. Also funded with 98-F03. Ecological Reserve Management Plan received. Amendment for \$1,000 approved 7/99.
1997-N07	Cottonwood Creek Channel Restoration Planning	Habitat Restoration	Graham Matthews & Associates	Cottonwood Creek	\$61,000	\$61,000	\$26,617	Contract signed 7/1/98. Work is ongoing.
1997-N08	Lower Mill Creek Riparian Restoration	Habitat Restoration	Mill Creek Conservancy, The Nature Conservancy	Butte Basin	\$69,000	\$69,000	\$17,273	Contract signed 12/29/98. Property acquired and site restoration plan and monitoring protocol received. Also funded with 98-F04
1997-N09	Monitoring of Delta Contaminants	Environmental Water Quality	San Francisco Baykeeper	Sacramento-San Joaquin Delta	\$100,000	\$100,000	\$55,742	Contract signed 9/18/98. Monitoring has begun.
1997-N10	Jepson Prairie Restoration and Conservation Plan	Habitat Restoration	Solano County Farmlands, Open Space Foundation	Sacramento-San Joaquin Delta	\$244,801	\$244,801	\$68,199	Contract signed 1/29/99. Plans prepared and restoration underway. Amendment for \$801 approved 7/99.
1997-N11	In-Channel Island Restoration/Demonstration	Habitat Restoration	Association of Bay Area Governments	Sacramento-San Joaquin Delta	\$270,270	\$270,270	\$268,614	Contract signed 7/15/98. Plan Complete.
1997-N12	Franks Tract Restoration	Habitat Restoration	Moffat and Nichol Engineers, DPR, DWR	Sacramento-San Joaquin Delta	\$323,186	\$231,500	\$165,002	Contract signed 12/29/98. Budget amendment for \$16,500 approved 11/99 and \$75,186 approved in 3/00. 30% of design completed.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1997-N13	Tyler Island Levee Protection and Habitat Restoration Pilot Project	Habitat Restoration	Habitat Assessment & Restoration Team, Inc	Sacramento-San Joaquin Delta	\$885,202	\$885,202	\$523,308	Contract signed 7/22/98. Levee restoration and planting nearly complete, monitoring to begin.
1997-N14	Cosumnes Start-up Stewardship and Restoration	Habitat Restoration	WCB, The Nature Conservancy	Eastside Delta Tributaries	\$1,985,100	\$1,985,100	\$583,227	Contract signed 6/22/99. Property will be acquired.
1997-N16	Bay Point Shoreline Restoration Plan	Habitat Restoration	East Bay Regional Park District	Suisun Marsh/North San Francisco Bay	\$185,000	\$185,000	\$98,585	Contract signed 8/21/98. Subcontract with consultant complete (plan), final negotiation of 2nd subcontract (design) underway.
1997-N18	Cullinan Ranch Restoration	Habitat Restoration	Ducks Unlimited, Inc.	Suisun Marsh/North San Francisco Bay	\$368,500	\$368,500	\$0	Contract executed 3/30/99. Monitoring ready to start.
1997-N19	Tolay Creek Restoration	Habitat Restoration	Ducks Unlimited, Inc.	Suisun Marsh/North San Francisco Bay	\$283,000	\$283,000	\$232,090	Contract and first task order approved by CALFED and signed 10/17/98. Construction complete, monitoring has begun.
1997-N20	Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds	Environmental Water Quality	Community Alliance with Family Farmers	Landscape	\$1,680,631	\$1,680,631	\$1,230,204	Contract signed 7/20/98. Task 1-3 almost complete, transitioning to BIOS program.
1997-N21	Knights Ferry Gravel Replenishment	Habitat Restoration	Carl Mesick Consultants	East San Joaquin	\$536,410	\$536,410	\$486,843	Contract signed 9/30/98. Gravel placement almost complete, monitoring has begun.
1998-N01	RD 2035 Fish Screen	Fish Screen/Passage	RD 2035	Sacramento River	\$100,000	\$100,000	\$0	Contract executed 3/31/99. Subcontract approved
1998-N02	Expanding California Salmon Habitat to Alter Dams and Diversions	Habitat Restoration	Institute for Fisheries Resources	Landscape	\$49,000	\$49,000	\$31,876	Contract signed 3/12/99. Subcontract approved.
1998-N03	Life History and Stock Composition of Steelhead Trout	Fish Management/Hatchery	Yuba Co. Water Agency	Feather River & Sutter Basin	\$120,000	\$120,000	\$0	Contract signed 6/9/99.
1998-N04	Small Fish Screen Evaluation	Fish Screen/Passage	Pelgar Mutual Water Company	Sacramento River	\$95,000	\$0	\$0	Seeking increase in monitoring scope and dollar amount for increased monitoring requirements. Agreement actively being negotiated.
1999-N01	ACID Fish Screen	Fish Screen/Passage	Anderson-Cottonwood Irrigation District	Sacramento River	\$5,100,000	\$5,100,000	\$2,443,571	Contract signed 8/3/99. RFP for construction has been sent.
1999-N02	Fish Treadmill Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fishes	Fish Screen/Passage	UC Davis	Landscape	\$823,000	\$0	\$0	Contract signed 1/00.
1999-N03	East Delta Habitat Corridor (Georgiana Slough)	Habitat Restoration	Habitat Assessment & Restoration Team, Inc	Landscape	\$1,100,000	\$1,100,000	\$231,249	Contract signed 11/23/99.
1999-N04	Lake Red Bluff Riparian Area Restoration & Education Support Project	Habitat Restoration	Calif. Conservation Corps	Sacramento River	\$29,114	\$29,114	\$26,179	Contract executed 4/4/00
1999-N05	Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	Habitat Restoration	UC Davis	Suisun Marsh/North San Francisco Bay	\$148,627	\$148,637	\$32,897	Contract signed 1/00.
1999-N06	Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management	Habitat Restoration	UC Davis	Eastside Delta Tributaries	\$1,546,016	\$1,546,016	\$0	Contract signed 1/00.
1999-N07	Chronic Toxicity of Environmental Contaminants in Sacramento Splittail - A Biomarker Approach	Environmental Water Quality	UC Davis	Suisun Marsh/North San Francisco Bay	\$673,684	\$673,684	\$0	Contract signed 1/00.
1999-N08	Assessment of Pesticide Effects on Fish & Their Food Resources in the Sacramento/San Joaquin Delta	Environmental Water Quality	UC Berkeley	Landscape	\$1,586,894	\$0	\$0	Scope okay, waiting for invoicing resolution.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1999-N09	Effects of Introduced Species of Zooplankton & Clams on the Bay-Delta Food Web	Introduced & Undesirable Species	CSU, San Francisco	Landscape	\$653,384	\$0	\$0	Contrac executed 4/10/00
1999-N10	Assessing Ecological & Economic Impacts of the Chinese Mitten crab	Introduced & Undesirable Species	UC Berkeley	Landscape	\$113,033	\$0	\$0	Scope okay, waiting for invoicing resolution.
1999-N11	Purple Loosestrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	Introduced & Undesirable Species	DFA	Landscape	\$127,473	\$127,473	\$33,745	Contract signed 10-12-99.
1999-N12	Central Valley Steelhead Genetic Evaluation	Fish Management/Hatchery	DFG	Landscape	\$70,636	\$0	\$0	Contract executed 4/7/00
1999-N13	Development of a Comprehensive Implementation Plan for a Statistically Designed Marking & Recovery Plan	Fish Management/Hatchery	DFG	Landscape	\$74,951	\$0	\$0	Contract executed 4/11/00
1999-N14	Colusa Basin Watershed Project	Watershed Management	Colusa County RCD	Colusa Basin	\$492,500	\$0	\$0	Approved by Secretary
1999-N15	Lower Mokelumne Stewardship	Watershed Management	San Joaquin Resource Conservation District	Eastside Delta Tributaries	\$227,000	\$227,000	\$21,724	Contract under negotiation
1999-N16	Clear Creek Prescription	Watershed Management	Western Shasta Resource Conservation District	North Sacramento Valley	\$256,260	\$256,260	\$306	Contract Executed 5/8/00
1999-N17	Yuba Watershed Council	Watershed Management	Yuba Watershed Council/Nevada City RCD	Feather River & Sutter Basin	\$142,618	\$0	\$0	Contract under negotiation
1999-N18	Levee Setback Geomorphic Model	Watershed Management	UC Davis	Landscape	\$104,458	\$0	\$0	Contract under negotiation
1999-N19	American River (South and Middle Fork) Watershed Stewardship Project	Watershed Management	Georgetown Divide Resource Conservation District	American River Basin	\$203,250	\$0	\$0	Contract under negotiation
1999-N20	Napa River Watershed Stewardship Year 2	Watershed Management	Napa County Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$191,100	\$0	\$0	Contract under negotiation
1999-N21	Development of a River corridor Management Plan for the Lower American River	Watershed Management	Sacramento City/Water Forum	American River Basin	\$250,000	\$0	\$0	Contract under negotiation

*Summary for 'Contracting Agency' = NFWF Administered Contract/PROP 204 (45 detail records)*

### Sum

\$34,414,256      \$29,521,756      \$16,093,586

## NRCS

1998-R01	Small Diversion Fish Screen Program	Fish Screen/Passage	NRCS	Sacramento-San Joaquin Delta	\$900,000	\$900,000	\$24,070	Funds will be used to complete existing projects. New projects will be recruited through NRCS process.
1999-R01	Floodplain Easements; Lower Tuolumne and San Joaquin (DA9)	Habitat Restoration	NRCS	East San Joaquin	\$1,545,000	\$1,545,000	\$0	Contract executed 7/27/99. Project underway.
2000-R01	Sacramento River Small Diversion Fish Screen Program - Mechanical Monitoring and Maintenance Project	Fish Screen/Passage	Family Water Alliance	Sacramento River	\$322,081	\$322,081	\$0	

*Summary for 'Contracting Agency' = NRCS (3 detail records)*

### Sum

\$2,767,081      \$2,767,081      \$24,070

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
<i>USBR</i>								
1997-B01	Watershed Improvements/Sediment Stabilization (Deer, Mill, Antelope Creeks)	Watershed Management	USFS	Butte Basin	\$371,000	\$371,000	\$147,013	Implemented erosion control measures at known sites. Three additional demonstration projects were completed. Effectiveness monitoring completed on demo projects completed last year. Finalized agreement with Battle Creek Conservancy for inventory work.
1997-B02	Sedimentation Movement and Availability and Monitoring in the Delta	Habitat Restoration	USGS	Sacramento-San Joaquin Delta	\$1,047,010	\$1,047,010	\$242,800	Contract executed 3/16/98 for \$587,000. Contract executed 5/21/98 for \$460,000. No-cost Amendment to extend agreement 9 mos to 6/30/01. Project progressing.
1997-B03	Liberty Island Acquisition	Habitat Restoration	USFWS	Sacramento-San Joaquin Delta	\$8,926,000	\$8,926,000	\$8,772,939	Amendment approved in 1/99 for \$170,000 and in 7/99 for 179,000. Property acquired 9/99. Awaiting environmental documentation - in progress.
1997-B04	Acquisition and Restoration of Refuge lands (SJR NWR)	Habitat Restoration	USFWS	San Joaquin River	\$10,827,000	\$10,827,000	\$2,131,129	One parcel acquired, appraisals underway on other parcels. Amendment for \$300,000 approved 7/99. Closure expected soon. Time extension to 3/31/01.
1997-B05	Bear Creek Floodplain Restoration Demonstration Project (SLNWR)	Habitat Restoration	USFWS	San Joaquin River	\$334,000	\$334,000	\$331,408	Hydraulic modeling underway. Contract executed 5/26/00.
1997-B06	Assessment of Organic Matter in the Habitat and its Relationship to the Food Chain	Environmental Water Quality	USGS	Landscape	\$1,440,649	\$1,440,649	\$1,119,995	Contract executed 3/16/98 for \$517,000. Contract executed 7/22/98 for \$833,000. Project underway. Amendment for \$40,649 approved 1/99.
1998-B01	Richter Brothers Screen, Phase I	Fish Screen/Passage	Richter Brothers	Sacramento River	\$49,000	\$49,000	\$49,000	Feasibility Study completed.
1998-B02	Boeger Family Farm Screen - Feasibility Study Phase I	Fish Screen/Passage	Boeger Family Farms	Sacramento River	\$15,000	\$15,000	\$13,811	Draft feasibility study completed.
1998-B03	ACID Fish Passage	Fish Screen/Passage	Anderson-Cottonwood Irrigation District	Sacramento River	\$325,000	\$325,000	\$325,000	Completed.
1998-B05	Sand and Salt Creek Watershed Project	Environmental Water Quality	Colusa County Resource Conservation District	Colusa Basin	\$599,000	\$599,000	\$347,902	Baseline data gathered.
1998-B07	Evaluation of Selenium Sources, Levels, and Consequences in the Delta	Environmental Water Quality	USGS	Sacramento-San Joaquin Delta	\$1,627,117	\$1,627,117	\$1,228,493	Determining contribution of Se to the Bay-Delta from rivers et al - 80% complete; Biomonitoring selected prey species - 75% complete; Bioaccumulation of different forms of Selenium - 70% complete; models - 40% complete. Amend for \$38,117 approved 7/99.
1998-B08	Cache Slough Habitat Enhancement	Habitat Restoration	RD No. 2060	Sacramento-San Joaquin Delta	\$85,000	\$85,000	\$11,685	Contract executed 9/7/99. Topographic survey completed.
1998-B09	IPM Partnership to Improve Water Quality in Suisun Bay and Local Creeks	Environmental Water Quality	Central Contra Costa Sanitary District	Suisun Marsh/North San Francisco Bay	\$266,000	\$266,000	\$169,062	Scripted and filmed training video. Trained Master Gardeners, which held 14 "Gardening the Less-Toxic Way" workshops.
1998-B10	Inventory of Forest Road Systems, Cat Creek Watershed	Watershed Management	USFS	Eastside Delta Tributaries	\$45,320	\$45,320	\$14,115	Updating road mapping. No cost time extension to 6/30/00.



	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1998-B11	Woodbridge Fish Screen and Passage	Fish Screen/Passage	Woodbridge Irrigation District	Eastside Delta Tributaries	\$1,575,000	\$1,575,600	\$554,509	EIR/EIS certification expected by 9/00. Engineering work 25-30% complete on fish passage and weir facilities. Time extension to 10/15/01.
1998-B13	Napa River Wetlands Acquisition	Habitat Restoration	Napa County Land Trust	Suisun Marsh/North San Francisco Bay	\$1,073,513	\$1,073,513	\$920,000	Executed 9/24/98.
1998-B14	Bacterial treatment of Selenium in the Panoche Drainage	Environmental Water Quality	UC Berkeley	West San Joaquin	\$1,149,000	\$1,149,000	\$720,795	Continuous monitoring system for flow and water quality has had operational problems have been partially solved. ABSR System continues to be tested for selenium removal. Two potential sites selected for ABSR System. Website
1998-B15	Evaluation of Tagging Data	Fish Management/Hatchery	Northwest Marine Technology Inc	Landscape	\$672,600	\$672,600	\$364,387	Mass marking demonstration machine is fully operational and will be available for planned work in the Sacramento Valley Feb 2001. Amendment for \$9,500 in 9/99 and \$38,100 in 11/99.
1998-B16	Battle Creek Screens and Fish Passage	Fish Screen/Passage	USBR	North Sacramento Valley	\$395,000	\$395,000	\$52,620	Completed topographic survey. Also funded with 97-M02
1998-B17	Cosumnes Floodplain Acquisition and Restoration	Habitat Restoration	The Nature Conservancy	Eastside Delta Tributaries	\$3,500,000	\$3,500,000	\$3,500,000	Properties acquired 12/98. Completed
1998-B21	Anadromous Fish Passage at Clough Dam on Mill Creek	Fish Screen/Passage	DWR	Butte Basin	\$1,280,000	\$1,280,000	\$0	Contract executed 7/1/99. Site problems resolved 5/00, amendment granted 7/00 for time extension.
1998-B22	Fish Passage Improvement Project at the Red Bluff Diversion Dam	Fish Screen/Passage	Tehama-Colusa Canal Authority	Sacramento River	\$340,600	\$340,600	\$340,164	Field study completed.
1998-B23	Steelhead and Chinook Salmon Fish Passage Barrier Remediation on the Guadalupe River	Fish Screen/Passage	Natural Heritage Institute et. al.	Outside CALFED Region	\$178,200	\$178,200	\$0	Agreement sent 3/16/99. 100% complete. Work performed without an executed contract. Contract executed 8/28/00
1998-B24	ACID Fish Passage and Fish Screen Improvement Project, Phase II, Final Design	Fish Screen/Passage	Anderson-Cottonwood Irrigation District	Sacramento River	\$860,000	\$860,000	\$840,759	Complete.
1998-B25	Cosumnes River Salmoid Barrier Program Fishery	Fish Screen/Passage	Fishery Foundation of California	Eastside Delta Tributaries	\$188,255	\$188,255	\$62,954	Permits obtained. Received approval from landowners to proceed with construction, completed engineering plans and project designs. Construction will begin 8/00.
1998-B26	Boeger Family Farm Fish screen Phase II: Construction	Fish Screen/Passage	Boeger Family Farms	Sacramento River	\$139,500	\$139,500	\$0	Contract executed 8/10/99
1998-B27	Hastings Tract Fish Screen Phase II: Construction	Fish Screen/Passage	Hastings Island Land Company	Sacramento-San Joaquin Delta	\$271,250	\$0	\$0	Agreement being prepared.
1998-B28	City of Sacramento Fish Screen Replacement Project Phase 2 - Design	Fish Screen/Passage	City of Sacramento	Sacramento River	\$654,500	\$654,500	\$0	Securing CVPIA Funding. Contract executed 9/13/00.
1998-B29	American Basin Fish Screen and Habitat Improvement Project	Fish Screen/Passage	Natomas Mutual Water Company	Sacramento River	\$200,000	\$200,000	\$118,595	Contract executed 9/17/99. Project 45% complete. Completed engineering analysis of the alternatives for Feasibility Study, report being prepared.
1998-B30	San Joaquin Valley Salmonids in the Classroom Program Enhancement	Education	DFG	San Joaquin River	\$3,000	\$3,000	\$0	Executed 4/23/99. 50% complete.
1998-B31	Traveling Film Festival/Heron Booth/Video Archive	Education	Independent Documentary Group	Landscape	\$54,000	\$54,000	\$54,000	Exhibits in several locations have occurred.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1998-B32	Environmental Agriculture Conferences and Field Tours	Education	Committee for Sustainable Agriculture	Landscape	\$28,000	\$28,000	\$28,000	Two conferences held
1998-B33	Sacramento River, Headwaters to the Ocean, Public Information and Education	Education	Sacramento River Discovery Center	Sacramento River	\$49,640	\$49,640	\$49,640	Bird monitoring program expanded
1998-B34	Discover the Flyway	Education	Yolo Basin Foundation	Sacramento-San Joaquin Delta	\$49,000	\$49,000	\$22,510	Expanded program by 2000 students per year.
1998-B35	The Butte Creek Watershed Educational Workshops and Field Tours Series	Education	CSU, Chico	Butte Basin	\$33,000	\$33,000	\$8,425	Initial workshop held.
1998-B36	Bay-Delta Environmental Restoration Education Program	Education	Water Education Foundation	Landscape	\$40,000	\$40,000	\$32,206	23 reporters taken on tour.
1998-B38	Water Hyacinth Education Program	Education	Sacramento Regional County Sanitation District	Sacramento-San Joaquin Delta	\$9,600	\$9,600	\$6,678	Flyer prepared.
1998-B39	Water Challenge 2010	Education	San Francisco Bay Model Visitor Center, USACE	Landscape	\$64,500	\$64,500	\$3,000	Executed 3/5/99.
1998-B40	Tuolumne River Natural Resources Program	Education	City of Modesto	East San Joaquin	\$94,213	\$55,255	\$17,026	Phase I complete. 37 workshops were conducted with great results. Over 80% of the teachers requested a repeat performance next year. Amendment for \$10,555 approved 7/99.
1999-B01	Battle Creek Salmon and Steelhead Restoration Project	Fish Screen/Passage	PG&E	North Sacramento Valley	\$28,000,000	\$28,000,000	\$1,846,587	Contract being prepared. Program supervisor hired.
1999-B02	Lower Butte Creek Project Phase II	Fish Screen/Passage	Ducks Unlimited, Inc.	Butte Basin	\$775,000	\$750,000	\$73,860	Contract executed 9/1/99. Meetings and contractors surveys conducted. Additionl hydrology and geotechnical information developed and analyzed. Findings reported in Preliminary Draft Management Plan 7/00.
1999-B03	ACID Fish Passage and Fish Screen Improvement Project, Phase III	Fish Screen/Passage	Anderson-Cottonwood Irrigation District	Sacramento River	\$5,253,000	\$5,253,000	\$1,660,222	Contract executed 8/6/99. Project underway.
1999-B04	Merced River Salmon Habitat Enhancement; Lower Stone	Habitat Restoration	DWR	East San Joaquin	\$130,000	\$0	\$0	Contract being prepared.
1999-B05	Merced River Salmon Habitat Enhancement; Ratzlaff Reach	Habitat Restoration	DWR	East San Joaquin	\$1,586,350	\$1,586,350	\$1,586,351	Contract executed 9/21/99. Staff submitted abstracts (poster and related presentation) for the CALFED Science Conference Fall 2000. Project complete.
1999-B06	Assessment of Ecological and Human Health Impacts of Mercury in the Bay-Delta Watershed	Environmental Water Quality	CSU, San Jose	Landscape	\$4,164,000	\$4,164,000	\$750,000	Contract executed 9/30/99, amendment approved 5/17/00 for additional \$364,000. Sub contracts executed for project.
1999-B07	Fish Passage Improvement Project at the Red Bluff Diversion Dam	Fish Screen/Passage	Tehama-Colusa Canal Authority	Sacramento River	\$1,030,000	\$1,030,000	\$207,582	Contract executed 3/10/00. Ground and aerial surveys, topographic, digital base mapping, and schematic facilities design completed. \$101,9420 amendment to contract signed 9/11/00.
1999-B08	Improve Upstream Ladder & Barrier Weir @Coleman Nat'l Fish Hatchery at Battle Creek	Fish Screen/Passage	USFWS	North Sacramento Valley	\$2,500,000	\$2,500,000	\$168	Contract executed 9/7/99. Survey and construction work has started. Design and environmental work is expected to be completed by 5/01.
1999-B09	Development of Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration	Habitat Restoration	Surface Water Resources, Inc.	Feather River & Sutter Basin	\$3,000,000	\$3,000,000	\$0	Contract executed 7/29/99.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1999-B10	Species & Community Profiles of the SF Bay Area Wetlands Ecosystem Goals Project	Environmental Water Quality	Friends of S.F. Estuary	Suisun Marsh/North San Francisco Bay	\$45,320	\$0	\$0	Contract being prepared.
1999-B11	South Napa River Tidal Slough & Floodplain Restoration Project	Habitat Restoration	City of American Canyon	Suisun Marsh/North San Francisco Bay	\$1,565,600	\$1,565,600	\$1,565,600	Contract executed 4/13/00.
1999-B12	Riparian Corridor Acquisition & Restoration Assessment	Habitat Restoration	USBLM	Sacramento River	\$2,240,250	\$2,176,017	\$1,017	Contract executed 3/31/00. Conveyance of easements, Phase I, planned to occur in Aug 2000. Phase II will occur following resolution of title issues involving State Lands Commission and accreted lands.
1999-B13	Understanding Tidal Marsh Restoration Processes & Patterns	Habitat Restoration	University of Washington	Sacramento-San Joaquin Delta	\$1,042,246	\$1,042,246	\$5,095	Contract executed 8/25/00.
1999-B14	Biological Ag Systems in Cotton-BASIC-Reducing Synthetic Pesticides & Fertilizers in the N. SJ Vly	Watershed Management	Sustainable Cotton Project	Landscape	\$460,000	\$460,000	\$1,118	Contract executed 7/31/00.
1999-B15	Duncan/Long Canyon Paired - Watershed Project	Watershed Management	Placer Co Water Agency	American River Basin	\$86,108	\$85,141	\$4,845	Contract executed 11/19/99. Background hydrologic data for two watersheds acquired and meetings held with landowner. Further progress waiting the initiation of NF/MF American River watershed GIS work by the USFS scheduled for 7/00.
1999-B16	Determination of the Causes of Dissolved Oxygen Depletion in the SJ River	Environmental Water Quality	DWR	San Joaquin River	\$892,400	\$892,400	\$1,866	Contract executed 5/16/00. Subcontracts being prepared by DWR.
1999-B17	Dissolved Organic Carbon Release from Delta Wetlands, Part 1	Environmental Water Quality	USGS	Sacramento-San Joaquin Delta	\$1,434,449	\$1,434,449	\$0	Contract executed 8/21/00.
1999-B18	Evaluation of Potential Impacts of Chinese Mitten crab on Benthic Comm. In the Delta	Introduced & Undesirable Species	DWR	Sacramento-San Joaquin Delta	\$152,233	\$147,799	\$13,985	Contract executed 12/21/99. Trial run conducted 4/10/00 and monitoring begun in late April, and also in May and June 2000.
1999-B19	Health Monitoring of Hatchery & Natural Fall-run Chinook in SJ River	Fish Management/Hatchery	USFWS	San Joaquin River	\$38,996	\$38,996	\$0	Contract executed 7/6/00.
1999-B20	Sacramento River Discovery Center	Education	Sacramento River Discovery Center	Landscape	\$39,552	\$39,552	\$0	Contract executed 4/24/00.
1999-B21	Estuary Action Challenge Environmental Education Project	Education	Earth Island Institute	Landscape	\$51,500	\$51,500	\$12,313	Contract executed 1/21/00.
1999-B22	Water Challenge 2010 Exhibit	Education	USCOE	Landscape	\$52,015	\$52,015	\$3,000	Contract executed 12/10/99
1999-B23	The Learning Watershed Project	Education	American River Watershed Institute	American River Basin	\$56,907	\$56,907	\$0	Contract executed 12/.08/99
1999-B24	Traveling Film Festival Exhibit	Education	Independent Documentary Group	Landscape	\$51,500	\$51,500	\$17,418	Contract executed 12/10/99
1999-B25	River Studies Center Exhibits & Programs	Education	SJ River Parkway & Conservation Trust	San Joaquin River	\$70,467	\$68,415	\$39,926	Contract executed 1/3/00.
1999-B26	1999/2000 Bay-Delta Education Program	Education	Water Education Foundation	Landscape	\$33,269	\$32,300	\$0	Contract executed 12/30/99
1999-B27	Watershed Educational Training	Education	Colusa County RCD	Landscape	\$13,390	\$13,263	\$2,802	Contract executed 10/22/99.
1999-B29	San Joaquin River Pilot Project	Environmental Water Acquisition	Friant Water Users Authority	San Joaquin River	\$2,575,000	\$2,575,000	\$1,538,446	Contract executed.
1999-B30	Water Acquisition	Environmental Water Acquisition	Oakdale & S. San Joaquin I.D.	East San Joaquin	\$3,090,000	\$3,090,000	\$3,007,488	Project completed 8/31/99.
2000-B01	City of Redding Water Utility Fish Screen Rehabilitation	Fish Screen/Passage	City of Redding, Dept of Public Works	Sacramento River	\$510,262	\$0	\$0	Contract being prepared.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
2000-B02	Maxwell Irrigation District Tuttle Pump Relocation Project	Fish Screen/Passage	Maxwell Irrigation District	Sacramento River	\$440,737	\$0	\$0	Contract being prepared.
2000-B03	Culture of Delta Smelt Phase II & III	Fish Management/Hatchery	UC Davis	Landscape	\$576,229	\$1,908	\$1,908	Contract being prepared.
2000-B04	Focused Action to Develop Ecologically-based Hydrologic Models and Water Management Strategies in the San Joaquin Basin	Habitat Restoration	Natural Heritage Institute	San Joaquin River	\$304,803	\$0	\$0	Contract being prepared.
2000-B05	Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District	Environmental Water Quality	Grassland Water District	Sacramento River	\$671,900	\$0	\$0	Contract being prepared.
2000-B06	Biological Assessment of Green Sturgeon, Phase II	Fish Management/Hatchery	UC Davis	Landscape	\$211,164	\$0	\$0	Contract being prepared.
PROGRAM	FISH PASSAGE PROGRAM	Fish Screen/Passage		Landscape	\$2,088,000	\$0	\$0	
PROGRAM	ENVIRONMENTAL WATER ACQUISITION PROGRAM	Environmental Water Acquisition		Landscape	\$9,835,000	\$6,500,000	\$0	Contract executed 6/18/99.
PROGRAM	BAY-DELTA EDUCATION PROGRAM	Education		Landscape	\$34,007	\$0	\$0	
PROGRAM	SOUTH DELTA PLANNING PROGRAM	Habitat Restoration		Sacramento-San Joaquin Delta	\$1,000,000	\$0	\$0	Approved by Secretary
PROGRAM	SCIENCE & MONITORING PROGRAM	Science and Monitoring Program		Landscape	\$7,400,000	\$0	\$0	
	<i>Summary for 'Contracting Agency' = USBR (79 detail records)</i>							
			<b>Sum</b>		<b>\$122,361,121</b>	<b>\$105,208,217</b>	<b>\$34,942,217</b>	
<i>USCOE</i>								
1998-A01	Prospect Island Habitat Protection Project	Habitat Restoration	USCOE	Sacramento-San Joaquin Delta	\$2,000,000	\$2,000,116	\$1,688,839	Project complete.
1999-A01	Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species	Habitat Restoration	Natural Heritage Institute	Sacramento-San Joaquin Delta	\$912,309	\$912,309	\$12,226	Contract executed 9/28/99.
1999-A02	Prospect Island Monitoring Project	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$915,000	\$912,309	\$2,949	Contract being prepared
PROGRAM	HABITAT RESTORATION/FLOOD CONTROL BYPASSES PROGRAM	Habitat Restoration		Sacramento-San Joaquin Delta	\$379,321	\$0	\$12,000	Developing strategy. One Project under this program select through the current PSP. (99-A01)
	<i>Summary for 'Contracting Agency' = USCOE (4 detail records)</i>							
			<b>Sum</b>		<b>\$4,206,630</b>	<b>\$3,824,734</b>	<b>\$1,716,014</b>	
<i>USEPA</i>								
1997-E01	Watershed Plan (Big Chico Creek)	Watershed Management	Big Chico Creek Watershed Alliance	Butte Basin	\$422,830	\$422,830	\$361,805	Project nearing completion.
1997-E02	Watershed Planning (Deer Creek)	Watershed Management	Deer Creek Watershed Conservancy, CSU Chico	Butte Basin	\$196,554	\$196,554	\$135,181	Project nearing completion.
1998-E01	Napa River Watershed	Watershed Management	Napa County Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$252,000	\$252,000	\$252,000	Project completed 5/00.
1998-E02	Sonoma Creek Watershed	Watershed Management	Southern Sonoma County Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$302,000	\$302,000	\$168,419	Project continuing. Continuing studies
1998-E03	Regional Wetlands Goals Project	Habitat Restoration	San Francisco Estuary Institute	Suisun Marsh/North San Francisco Bay	\$76,000	\$76,000	\$76,000	Completed. Final report completed

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1998-E04	Petaluma River Watershed Restoration Program	Watershed Management	Southern Sonoma County Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$220,000	\$220,000	\$59,554	Coordinator reaching out to landowners regarding erosion & animal wastes. Work continues on Capri Creek as well as Creek Care Guide.
1998-E05	Cottonwood Creek Watershed Group Formation	Watershed Management	Cottonwood Creek Watershed Group	Cottonwood Creek	\$161,000	\$161,000	\$48,025	Contract negotiations for mapping work nearing completion. Technical Advisory & Watershed groups prioritizing rehab projects.
1998-E06	Battle Creek Watershed Stewardship	Watershed Management	Battle Creek Watershed Conservancy	North Sacramento Valley	\$145,000	\$145,000	\$17,287	First community meeting conducted. Fire defense improvement subcontracts nearly completed. Easement work commenced.
1998-E07	Local Watershed Stewardship: Steelhead Trout Plan	Watershed Management	Friends of Corte Madera Creek Watershed	Outside CALFED Region	\$47,500	\$47,500	\$41,626	Draft Fishery Resource conditions report completed & distributed for review to Advisory Comm. , NMFS, BOR, ACOE, CFG.
1998-E08	Cold Water Fisheries and Water Quality Element	Watershed Management	City of San Jose	Outside CALFED Region	\$200,000	\$200,000	\$0	EPA executed a cooperative agreement with NFWF in February to manage these 14 watershed projects. A NFWF subagreement is expected. Contract sent to contractor 11/29/99.
1998-E09	Merced River Corridor Restoration Plan	Watershed Management	Stillwater Sciences & Merced Co.	East San Joaquin	\$300,000	\$300,000	\$217,036	Project Team continued baseline evaluations, conducted meetings, expanded outreach. Also conducted second round of review on draft report of opportunities & constraints.
1998-E10	South Yuba River Coordinated Watershed Management Plan	Watershed Management	DPR	Feather River & Sutter Basin	\$264,000	\$264,000	\$0	Preliminary private property survey results being reviewed. Staff held four agency meetings & one recreation comm. Meeting.
1998-E11	Watershed Restoration Strategy for the Yolo Bypass	Watershed Management	Yolo Basin Foundation, Inc.	Sacramento-San Joaquin Delta	\$244,188	\$244,188	\$118,028	Project Team conducted three stakeholder meetings, researched funding for implementation, & researched basin hydrology.
1998-E12	Proposal to Develop Local Watershed Stewardship Plan for the Lower Mokelumne River	Watershed Management	San Joaquin County Resource Conservation District	Eastside Delta Tributaries	\$159,000	\$159,000	\$122,177	Draft & final Issues & Opportunities paper completed. 4th & 5th public outreach workshops completed. Work under this grant nearing completion.
1998-E13	Union School Slough Watershed Improvement Program	Watershed Management	National Audubon Society - California	Yolo Basin	\$636,000	\$636,000	\$213,643	Held restoration training workshops for landowners. Planted native veg. Around tailwater pond, began implementation plans for new tailwater ponds. Planted native veg along irrigation canal.
1998-E14	American River Integrated Watershed Stewardship Strategy	Watershed Management	Placer County Resource Conservation District	American River Basin	\$220,750	\$220,750	\$15,507	Interagency Watershed Assessment group is reviewing Plan objectives, key resources, and GIS management approaches. Draft Watershed Assessment Workplan completed.
1998-E15	Sulphur Creek Coordinated Resource Management Planning Group	Watershed Management	Sacramento Watersheds Action Group	North Sacramento Valley	\$23,828	\$23,828	\$7,800	CRMP continues its monthly meetings. Group has applied for Conatata 2000 grant for restoraton of Sulphur Creek.
1998-E16	Lower Putah Creek Watershed Stewardship Program	Watershed Management	Solano County, Department of Environmental Management	Yolo Basin	\$100,500	\$100,500	\$898	3/20/00Recipient Agreement signed. Work is underway.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1998-E17	Alhambra Creek Watershed CRMP Program	Watershed Management	Contra Costa Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$138,500	\$138,500	\$56,572	Watershed Plan objectives approved by planning group. Stream inventory data being processed.
2000-E01	Last Chance Creek Watershed Restoration Project--Ferris Meadow Reach--Feather River Coordinated Resource Management (FR-CRM)	Watershed Management	Feather River Coord. Resource Mgmt-Plumas Corp	Feather River & Sutter Basin	\$1,009,400	\$1,009,400	\$0	Contract executed 5/25/00.
2000-E02	Panoche/Silver Creek Watershed Management/Action Plan	Watershed Management	Westside Resource Conservation District	West San Joaquin	\$873,440	\$873,440	\$0	Contract executed 5/25/00.
2000-E03	Cottonwood Creek Watershed Monitoring and Assessment	Watershed Management	Cottonwood Creek Watershed Group	Cottonwood Creek	\$360,500	\$360,500	\$0	Contract executed 5/25/00.
2000-E04	Sonoma Creek Watershed Conservancy	Watershed Management	Southern Sonoma County Resource Conservation District	Suisun Marsh/North San Francisco Bay	\$438,923	\$438,923	\$0	Contract executed 5/25/00.
2000-E05	Merced River Corridor Restoration Project Phase III	Watershed Management	Stillwater Sciences	East San Joaquin	\$235,870	\$235,870	\$0	Being administered by EPA/NFWF. Contract executed 5/25/00.
PROGRAM	WATERSHED RESTORATION PLANNING AND IMPLEMENTATION PROGRAM	Watershed Management		Landscape	\$0	\$0	\$0	
	Summary for 'Contracting Agency' = USEPA (25 detail records)				\$7,027,783	\$7,027,783	\$1,911,557	
			<b>Sum</b>					
<i>USFWS</i>								
1998-F01	Butte Creek Watershed Restoration Implementation	Watershed Management	CSU, Chico/Butte Creek Watershed Conservancy	Butte Basin	\$302,867	\$302,867	\$255,882	Project 85% complete. Road surveys completed and final report submitted for editing, completion date projected as the end of July '00. Contract executed 9/13/98.
1998-F03	Butte Creek Acquisition and Riparian Restoration	Habitat Restoration	CSU, Chico	Butte Basin	\$125,000	\$125,000	\$125,000	Property acquired 12/98 also funded with 97-N06. Contract executed 2/11/99. Land purchased to be used to develop a Riparian Restoration Research Preserve.
1998-F04	Lower Mill Creek Riparian Restoration	Habitat Restoration	Mill Creek Conservancy, The Nature Conservancy	Butte Basin	\$30,000	\$30,000	\$21,885	Property acquired 12/98. Also funded with 97-N08. Maps produced and monitoring report for project at Runyon site completed.
1998-F06	Tuolumne River Setback Levees and Channel Restoration	Habitat Restoration	Turlock Irrigation District	East San Joaquin	\$1,362,000	\$655,700	\$0	Also funded with 97-M09. Design 90% complete. To date only AFRP and TID funds have been expended on pre-project construction tasks. Ammendment for add'l \$707,000 approved 9/99.
1998-F07	Grayson River Ranch Perpetual Easement and Restoration	Habitat Restoration	East Stanislaus RCD and Friends of the Tuolumne	East San Joaquin	\$732,000	\$732,000	\$68,270	Perpetual Easement acquisition complete 6/17/99. Presented to Amendment sub-committee on 7/19/00.
1998-F08	Hill Slough West Habitat Demonstration Project - Phase I	Habitat Restoration	DFG	Suisun Marsh/North San Francisco Bay	\$200,000	\$200,000	\$0	Completed RFP to hire consultant to do topographic surveys & address hydrologic issues.
1998-F09	Rhode Island Floodplain Management and Habitat Restoration - Phase 1	Habitat Restoration	DFG	Sacramento-San Joaquin Delta	\$25,000	\$25,000	\$2,000	Project complete. Waiting for final bill.
1998-F11	Phase 3 - Merced River Salmon Habitat Enhancement	Habitat Restoration	DFG	East San Joaquin	\$2,433,759	\$2,433,759	\$0	Project design, environmental docs in process. Need Amendment for additional funds.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1998-F12	Stone Lakes NWR Land Acquisitions	Habitat Restoration	USFWS	Sacramento-San Joaquin Delta	\$2,622,500	\$2,622,500	\$2,122,500	Property acquired. Restoration to begin. Amendment for additional \$500,000 approved 11/99. Amendment for \$222,500 executed 1/19/00.
1998-F13	Petaluma Marsh Expansion Project - Marin County	Habitat Restoration	Marin Audubon Society	Suisun Marsh/North San Francisco Bay	\$352,135	\$352,135	\$0	Restoration agreement signed.
1998-F14	South Napa River Wetlands Acquisition and Restoration Program	Habitat Restoration	Napa County Land Trust	Suisun Marsh/North San Francisco Bay	\$466,000	\$466,000	\$0	Coordinating with Flood Control District regarding EIR for acquisition. Considering possible condemnation process. Amendment for \$35,000 1/19/00.
1998-F15	Lower Clear Creek Floodway Restoration Project - Phase 2	Habitat Restoration	Western Shasta Resource Conservation District	North Sacramento Valley	\$3,559,596	\$3,559,596	\$900,859	Environmental Doc complete, Restoration in progress.
1998-F16	Fern-Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project	Habitat Restoration	Thomas Luckey (L & L Farms, LLC)	Sacramento-San Joaquin Delta	\$425,000	\$425,000	\$425,000	Acquisition complete. 2/2/00
1998-F17	Benicia Waterfront Marsh Restoration - Phase I	Habitat Restoration	City of Benicia	Suisun Marsh/North San Francisco Bay	\$59,000	\$59,000	\$32,577	Site analysis, engineering maps complete. Design and restoration plans developed.
1998-F18	Floodplain Acquisition, Management, and Monitoring on the Sacramento River	Habitat Restoration	The Nature Conservancy, WCB, and others.	Sacramento River	\$1,000,000	\$1,000,000	\$1,000,000	Acquisition negotiations underway.
1998-F19	Cosumnes River Acquisition, Restoration Planning and Demonstration	Habitat Restoration	The Nature Conservancy	Eastside Delta Tributaries	\$750,000	\$750,000	\$562	Acquisition negotiations underway.
1998-F20	Deer and Mill Creeks Acquisition and Enhancement	Habitat Restoration	The Nature Conservancy	Butte Basin	\$1,000,000	\$1,000,000	\$0	Acquisition negotiations continuing.
1998-F21	Lower San Joaquin River Floodplain Protection and Restoration Project	Habitat Restoration	USFWS	San Joaquin River	\$1,100,000	\$1,100,000	\$625,406	Funds transferred to USFWS, San Luis NWR Complex. Implementation begun. Appraisals made and negotiations underway to acquire 303 acres.
1998-F22	Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay Ecological Zone	Habitat Restoration	CSU, Hayward	Suisun Marsh/North San Francisco Bay	\$772,667	\$772,667	\$490,000	Restoration & Monitoring ongoing. Actions taken to fully implement fish passage.
1998-F23	South Napa River Tidal Slough and Floodplain Restoration Project	Habitat Restoration	City of American Canyon	Suisun Marsh/North San Francisco Bay	\$1,490,000	\$1,455,000	\$85,000	Acquisition nearly complete. Amendment for \$35,000 approved 11/99.
1998-F24	Butte Creek Riparian Restoration Demonstration	Habitat Restoration	CSU, Chico	Butte Basin	\$76,348	\$76,348	\$5,356	Planning and designing for restoration underway.
1999-F01	Restore Special Run Pool 10 Reach	Habitat Restoration	Turlock Irrigation District	East San Joaquin	\$165,000	\$165,000	\$0	Contract being prepared. Construction to occur Summer 2000.
1999-F02	Restore MJ Ruddy Reach	Habitat Restoration	Turlock Irrigation District	East San Joaquin	\$3,332,050	\$3,332,050	\$0	Contract executed 4/11/99. Field monitoring and monitoring report for 1999 completed. SRP 10 dike break repair scheduled for Summer 2001.
1999-F03	Restore habitat on McCormack-Williamson levees	Habitat Restoration	The Nature Conservancy	Sacramento-San Joaquin Delta	\$860,778	\$860,778	\$778	Contract executed 8/20/99. Amendment for add'l funds approved 1/11/00.
1999-F04	McCormack-Williamson Tract Acquisition	Habitat Restoration	The Nature Conservancy	Sacramento-San Joaquin Delta	\$5,356,000	\$5,356,000	\$5,306,184	Property acquired 9/99. Meeting regularly with North Delta Improvement Group to determine feasible solutions to flooding issues.
1999-F05	Non-native Invasive Species Advisory Council	Introduced & Undesirable Species	USFWS	Landscape	\$50,000	\$0	\$0	Maintenance work beginning.

	<i>Project Title</i>	<i>Category</i>	<i>Applicant</i>	<i>Geo Area</i>	<i>Approved Funding</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
1999-F06	Reducing Risk of Importation & Distribution on Non-native Invasive Species Through Outreach & Education	Introduced & Undesirable Species	UC Davis	Landscape	\$105,466	\$0	\$0	Contract being prepared. Agreement at final signature stage.
1999-F07	Zebra Mussel Detection & Outreach Project	Introduced & Undesirable Species	DWR	Landscape	\$100,000	\$0	\$0	Contract being prepared. Cooperator reviewing agreement.
1999-F08	Purple Loosestrife Prevention, Detection & Control in the Sac/SJ Delta & Associated Hydrologic Units	Introduced & Undesirable Species	DFA	Landscape	\$201,306	\$0	\$67,010	Brochure complete, 25 presentations complete, training ongoing, GIS map complete. Project 33% complete.
1999-F09	Introduced Spartina Eradication Project	Introduced & Undesirable Species	California Conservation Conservancy	Landscape	\$275,000	\$275,000	\$0	Contract signed, implementation begun. Amendment for \$25,000 executed 9/11/00.
1999-F10	Practical Guidebook to Prevent & Control for Non-native Invasive Plants in Shallow Water Habitats of the Bay-Delta Ecosystem	Introduced & Undesirable Species	San Francisco Estuary Institute	Landscape	\$76,750	\$0	\$0	Contract being prepared. Scope of services being prepared.
1999-F11	Effects of Introduced Clams on the Food Supply of Bay-Delta Fishes	Introduced & Undesirable Species	CSU, San Francisco	Landscape	\$100,490	\$0	\$0	Contract being prepared. Scope of services being prepared.
2000-F01	Tuolumne River Bobcat Flat Floodplain Acquisition	Habitat Restoration	Friends of the Tuolumne, Inc	East San Joaquin	\$2,043,850	\$2,043,850	\$0	Contract executed 7/6/00
2000-F02	Canal Ranch Habitat Restoration Phase II	Habitat Restoration	DFG	Sacramento-San Joaquin Delta	\$135,940	\$135,940	\$0	Contract executed 7/6/00
2000-F03	Floodplain Acquisition and Subreach/Site-Specific Management Planning on the Sacramento River (Red Bluff to Colusa)	Habitat Restoration	The Nature Conservancy	Sacramento River	\$534,570	\$534,570	\$0	Contract executed 7/6/00
2000-F04	A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase I & II	Habitat Restoration	Stillwater Sciences	San Joaquin River	\$230,376	\$230,376	\$0	Contract executed 7/6/00
2000-F06	Liberty Island Acquisition and Restoration Phase I	Habitat Restoration	USFWS	Sacramento-San Joaquin Delta	\$2,701,735	\$2,701,735	\$0	Contract executed 7/21/00.
2000-F07	McCormack-Williamson Tract Phase II Restoration Planning	Habitat Restoration	DWR	Sacramento-San Joaquin Delta	\$365,650	\$365,650	\$0	Contract executed 7/6/00
2000-F08	McCormack-Williamson Tract Phase II Monitoring Project	Habitat Restoration	UC Davis	Sacramento-San Joaquin Delta	\$572,886	\$572,886	\$0	Contract executed 7/6/00
2000-F09	Treating Ballast Water Discharges at Existing Municipal Wastewater Treatment Plants	Introduced & Undesirable Species	San Francisco Estuary Institute	Landscape	\$122,014	\$122,014	\$0	Contract executed 7/6/00
2000-F10	Determining the Biological, Physical and Chemical Characteristics of Ballast Water Arriving in San Francisco Bay	Introduced & Undesirable Species	San Francisco Estuary Institute	Landscape	\$387,183	\$387,183	\$0	Contract executed 7/6/00
2000-F11	Arundo Donax Eradication and Coordination	Introduced & Undesirable Species	Sonoma Ecology Center	Landscape	\$842,587	\$842,587	\$0	Contract executed 7/6/00
PROGRAM	FLOODPLAIN RESTORATION/HABITAT RESTORATION ON EXISTING CONSERVATION LANDS PROGRAM	Habitat Restoration		Sacramento-San Joaquin Delta	\$17,495	\$0	\$0	
PROGRAM	NON-NATIVE INVASIVE SPECIES PROGRAM	Introduced & Undesirable Species		Landscape	\$365,988	\$365,988	\$96,503	Seven projects selected 99-F05-11. Strategies & Implementation Plans have completed policy review. Develop & admin agreements. Providing assist through ASET. Develop. Issue paper on Chinese mitten crab, ballast ater, giant salvinia, Arundo, & outreach.



Project Title		Category	Applicant	Geo Area	Approved Funding	Obligated	Expended	Status
Summary for 'Contracting Agency' = USFWS (44 detail records)					\$37,826,986	\$36,434,179	\$11,630,772	
Sum								
USGS								
2000-G01	Dissolved Organic Carbon Release - Delta Wetlands Part 2	Environmental Water Quality	USGS	Landscape	\$1,030,000	\$1,030,000	\$0	Contract executed 8/21/00
Summary for 'Contracting Agency' = USGS (1 detail record)					\$1,030,000	\$1,030,000	\$0	
Sum								
Summary for 'State/Fed/Stake' = (275 detail records)								
Grand Total					\$255,934,187	\$225,896,981	\$87,025,084	